

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,220,580 B2
APPLICATION NO. : 10/024019
DATED : May 22, 2007
INVENTOR(S) : Thomas P. Loughran, Jr. and Ravi Kothapalli

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3,
Lines 4-6,
"1-phosphate receptor 2 (S1P₂).

DESCRIPTION OF THE FIGURES"

should read

--1-phosphate receptor 2 (S1P₂).
SEQ ID NO:15 is the full-length (2.2 kb) nucleotide sequence of human S1P5 cDNA (Figure 8)
SEQ ID NO:16 is the deduced amino acid sequence of human S1P5 cDNA coding region (Figure 8)
SEQ ID NO:17 is the predicted amino acid sequence of S1P5 (Figures 12A and 12B)
SEQ ID NO:18 is the predicted amino acid sequence of S1P5-alpha (Figure 12A)
SEQ ID NO:19 is the predicted amino acid sequence of S1P5-beta (Figure 12B)

DESCRIPTION OF THE FIGURES--.

Column 3,
Lines 27-38,
"healthy individuals.
SEQ ID NO:15 is the full-length (2.2 kb) nucleotide sequence of human S1P5 cDNA (Figure 8)
SEQ ID NO:16 is the deduced amino acid sequence of human S1P5 eDNA coding region (Figure 8)
SEQ ID NO:17 is the predicted amino acid sequence of S1P5 (Figures 12A and 12B)
SEQ ID NO:18 is the predicted amino acid sequence of S1P5-alpha (Figure 12A)
SEQ ID NO:19 is the predicted amino acid sequence of S1P5-beta (Figure 12B)
Fig. 3 shows the complete nucleotide sequence, SEQ ID"

should read

--healthy individuals.
FIG. 3 shows the complete nucleotide sequence, SEQ ID--.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,220,580 B2
APPLICATION NO. : 10/024019
DATED : May 22, 2007
INVENTOR(S) : Thomas P. Loughran, Jr. and Ravi Kothapalli

Page 2 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3,

Line 55, "receptor 1.1.6" should read --receptor1. 1.6--.

Column 4,

Line 21, "S₁P₅" should read --S1P₅--.

Column 10,

Line 2, " α -³²P" should read -- α -³²P--.

Column 12,

Line 53, "S1P5" should read --S1P₅--.

Column 45,

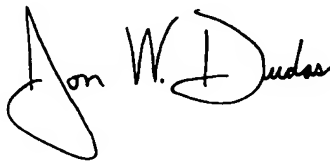
Line 32, "A isolated" should read --An isolated--.

Column 46,

Line 34, "over-expression of said nucleic acid" should read
--over-expression of said nucleic acid--.

Signed and Sealed this

Twenty-fourth Day of June, 2008



JON W. DUDAS
Director of the United States Patent and Trademark Office